

DATE: September 10, 2007

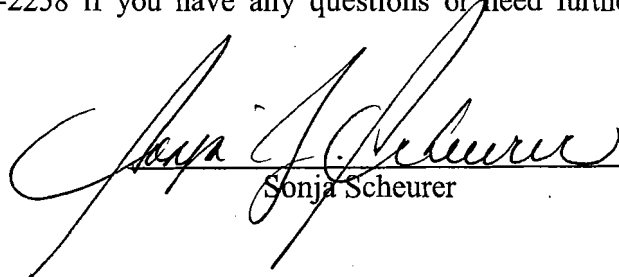
TO: Ed Timpf, Administrator
Financial Operations Division
Bureau of Finance & Administration

FROM: Sonja Scheurer, Administrator
Office of Operations Administrative Services

SUBJECT: Reporting Requirements for FY 2006-2007
Operating Appropriation Act

In accordance with Act No. 345, Public Acts of 2006, Section 602, we are required to report on the use of corrugated pipe for road construction drainage and the mandrel testing results. The attached document identifies the job number for which the corrugated pipe was used and the test results.

Please feel free to contact me at (517) 335-2258 if you have any questions or need further clarification.



Sonja Scheurer

cc: L. Tibbits
L. Hank
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File

**Michigan Department of Transportation
Corrugated Plastic Pipe (CPE) Quantities
FY 2006 – 2007**

Job Number	Control Section	Pipe Size (in.)	Installed Length (ft.)	Tested Length (ft.)	% Length Tested	% Passed	% Failed
45832A	54022	12	809.5	651	80	100	0
45832A	54022	18	162	77	48	100	0
60424A	34081	12	264.8	264.8	100	100	0
60424A	34081	15	87.6	87.6	100	100	0
60424A	34081	18	151.1	151.1	100	100	0
60424A	34081	24	157.5	157.5	100	100	0
60424A	34081	30	145	145	100	100	0
60424A	34081	36	540.3	540.3	100	100	0
84217A	33041	12	147	147	100	100	0
76009A	46062	12	2240	1404	62.7	99.7	0.3 (note 1)
76009A	46062	18	498	326	65	100	0
50291A	63052	12	300	See Note 2	---	---	---
56932A	15051	15	136	See Note 3	---	---	---
56932A	15051	24	797	See Note 3	---	---	---
56932A	15051	30	341	See Note 3	---	---	---
56932A	15051	36	253	See Note 3	---	---	---
79741A	23071	12	80	See Note 4	---	---	---
79741A	23071	24	360	See Note 4	---	---	---
M60766	19031	60	114	See Note 4	---	---	---
53367A	14062	12	1519	See Note 4	---	---	---
53367A	14062	18	318	See Note 4	---	---	---

Comments:

MDOT specifications require that at least 50% of installed length of each size be mandrel tested.

Note 1: Section of pipe failing mandrel test was removed and replaced.

Note 2: The installation of the CPE is outside the roadway limits and was not mandrel tested. The plans showed an existing storm sewer that drained an area adjacent to the right-of-way. The proposed plans did not address the drainage of the area, so to mitigate the issue 300 feet of CPE was installed.

Note 3: These pipes were not mandrel tested because they were not placed in a load bearing situation. These pipes were located in back of the curb and gutter out of the influence of the roadway. Additionally, these pipes were specified as part of the contract requirements due to the nature of the underlying soils. A lightweight fill was also required with minimal compaction effort. These pipes were all video inspected, which did not reveal any deformations that would have been detected by mandrel testing. However, cracks or deep scratches appeared in two locations, and appropriate repairs were made.

Note 4: Not completely installed to date. A minimum of 50% of installed pipe will be mandrel tested.